

U.S. Patent Application Serial No. 09/318,614  
Amendment filed November 22, 2004  
Reply to OA dated July 21, 2004

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

**Claims 1-39 (canceled).**

**Claim 40 (currently amended):** ~~A digital camera according to claim 39~~

A digital camera, comprising:

an imaging device for imaging a subject and outputting first image data having a first resolution;

a generator for generating second image data having a second resolution which is lower than the first resolution based on the first image data outputted from said imaging device; and

a writer for intermittently writing to a first memory the first image data outputted from said imaging device, and writing the second image data generated by said generator to said first memory at intervals of writing of the first image data, wherein said imaging device outputs the first image data in a raster scan manner, and said writer writes the second image data to said first memory during a horizontal blanking period of the first image data,

wherein the first image data has horizontal lines of a first number, the second image data has horizontal lines of a second number which is smaller than the first number, and said writer writes to said first memory, at every time the first image data corresponding to horizontal lines of a third

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number which is smaller than the first number is written to said first memory, the second image data corresponding to horizontal lines of a fourth number which is smaller than the second number.

**Claim 41 (previously presented):** A digital camera according to claim 40, wherein the horizontal lines of the fourth number forming the second image data corresponds to the horizontal lines of the third number forming the first image data.

**Claim 42 (previously presented):** A digital camera according to claim 40, further comprising a vertical counter to count the number of pixels of the first image data outputted from said imaging device in a vertical direction so as to output a vertical count value.

**Claim 43 (previously presented):** A digital camera according to claim 42, wherein said generator includes an extractor for extracting pixel data from the first image data based on the vertical count value.

**Claim 44 (previously presented):** A digital camera according to claim 43, wherein said extractor includes a plurality of registers for shifting the first image data at every predetermined amount, and an activator for intermittently activating said plurality of registers based on the vertical count value.

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**Claim 45 (previously presented):** A digital camera according to claim 42, further comprising a second memory for holding the second image data generated by said generator, wherein said writer transfers the second image data corresponding to the horizontal lines of the fourth number from said second memory to said first memory when said vertical counter has counted the third number.

**Claim 46 (canceled).**